

Amendments to the Specification:

Please amend SEQ ID NO: 69 on page 75 of the Specification as follows:

| SEQ ID NO: | Gene | Sense/ antisense | | |
|------------|-------------------------|------------------|--|--------------------------------------|
| 42 | 14.3.3 sigma | antisense | 5'-ACCTTCTCCCGGTACTCACG-3' | |
| 43 | RAR β | sense | 5'-AGA GTT TGA TGG AGTTGG GTG GAG-3' | 227 bp probe was amplified |
| 44 | RAR β | antisense | 5'-CAT TCG GTT TGGGTC AAT CCA CTG-3' | |
| 45 | RAR β | sense | 5'-CAGCCCCGGGTAGGGTTCACC-3' | W3 |
| 46 | RAR β | antisense | 5'-CCGGATCCTACCCGACGG-3' | W3 |
| 47 | RAR β | sense | 5'-CCGAGAACGCGAGCGATCC-3' | W4 |
| 48 | RAR β | anti-sense | 5'-GGCCAATCCAGCCGGGGCG-3' | W4 |
| 49 | RAR β | sense | 5'-GTG GGT GTA GGT GGA ATA TT-3' | unmethylated DNA were as follows: U1 |
| 50 | RAR β | antisense | 5'-AAC AAA CAC ACA AAC CAA CA-3' | U1 |
| 51 | RAR β | sense | 5'-TGT GAG TTA GGA GTA GTG TTTT-3' | U2 |
| 52 | RAR β | antisense | 5'-TTC AAT AAA CCC TAC CCA-3' | U2 |
| 53 | RAR β | sense | 5'-TTA GTA GTT TGG GTA GGGTTT ATT-3' | U3 |
| 54 | RAR β | antisense | 5'-CCA AAT CCT ACC CCAACA-3' | U3 |
| 55 | RAR β | sense | 5'-GAT GTT GAG AAT GTGAGT GAT TT-3' | U4 |
| 56 | RAR β | antisense | 5'-AAC CAA TCC AACCAA AAC A-3' | U4 |
| 57 | RAR β | sense | 5'-AGC GGGCGT AGG CGG AAT ATC-3' | methylated M1 |
| 58 | RAR β | antisense | 5'-CAACGA ACG CAC AAA CCG ACG-3' | M1 |
| 59 | RAR β RAR β | sense | 5'-CGT GAG TTA GGA GTA GCG TTT C-3' | M2 |
| 60 | RAR β | antisense | 5'-CTT TCG ATA AAC CCT ACC CG-3' | M2 |
| 61 | RAR β | sense | 5'-GGT TAG TAG TTC GGG TAG GGTTC TC-3' | M3 |
| 62 | RAR β | antisense | 5'-CCG AAT CCT ACC CCGACG-3' | M3 |
| 63 | RAR β | sense | 5'-GTC GAG AAC GCG AGCGAT TC-3' | M4 |
| 64 | RAR β | antisense | 5'-CGA CCA ATC CAA CCGAAA CG-3' | M4 |
| 65 | RAR β | sense | 5'-GAC TGT ATG GAT GTTCTG TCA G-3' | RT \pm PCR exon 5 |
| 66 | RAR β | antisense | 5'-ATT TGTCCT GGC AGA CGA AGC A-3' | exon 6 |

| SEQ ID NO: | Gene | Sense/ antisense | | |
|------------------|-------------|---------------------|--------------------------------|-------------------|
| 133 | RAR β | sense | 5'-GTAGGAGGGTTTATTT TTTGTT-3' | External |
| 134 | RAR β | antisense | 5'-AATTACATTTTCCAAACTTACTC-3' | External |
| 135 | RAR β | sense | 5'-GGATTGGGATGTTGAGAATGT-3' | Methylated |
| 136 | RAR β | antisense | 5'-AACCAATCCAACCAAAACAA-3' | Methylated |
| 92 | RAR β | sense | 5'-GGATTGGGATGTTGAGAATGT-3' | Unmethylated |
| 93 | RAR β | antisense | 5'-CAACCAATCCAACCAAAACAA-3' | Unmethylated |
| 67 | Actin | sense | 5'-ACC ATG GAT GAT GAT ATCG-3' | RT \pm PCR |
| 68 | Actin | antisense | 5'-ACA TGG CTG GGG TGTGA AG-3' | |
| 69 | HOXA5 | sense | 5'-TTTAGCGGGTGGCGTTCG-3' | methylated DNA |
| 70 | HOXA5 | antisense | 5'-ATACGACTTCGAATCACGTA-3' | |
| 71 | HOXA5 | sense | 5'-TTGGTGAAGTTGGGTG-3' | unmethylated |